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cont

a first means for generating a first synchronized word detecting window, which covers a position of a synchronized word provided in a reception signal received at the radio base station;

a second means for generating a second synchronized word detecting window, which covers the position of the synchronized word within the first synchronized word detecting window;

a means for detecting the synchronized word in the first or second synchronized word detecting window; and

A/cont.

a control means for resetting the position of the second synchronized word detecting window as related to the first synchronized word detecting window under a predetermined condition.

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2.(amended) The system according to claim 1,

wherein when the synchronized word detecting means detects the synchronized word in the first synchronized word detecting window, the detecting means detects the synchronized word within the second synchronized word detecting window in the next frame.

3.(amended) The system according to claim 1,

wherein the synchronized word is formed of plural bits, and the control means resets the position of the second synchronized word detecting window, when a bit error rate of the synchronized word is more than a predetermined value, as the predetermined condition.

4.(amended) The system according to claim 1,

wherein the reception signal further includes a color code formed of plural bits, and the control means resets the position of the second synchronized word detecting window, when a bit error rate of the color code is more than a predetermined value, as the predetermined condition.

41 5.(amended) The system according to claim 1,

wherein the control means resets the position of the second synchronized word detecting window, when an average amount of phase difference in the number of frames of the signals received in the radio base station is more than a predetermined value, as the predetermined condition.

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Ampl. 6.(amended) The system according to claim 1,

wherein the control means resets the position of the second synchronized word detecting window, when the result of BCH decoding for signals received in the radio base station is mistaken, as the predetermined condition.

ca 7.(amended) The system according to claim 1,

wherein the control means resets the position of the second synchronized word detecting windows, when the result of CRC arithmetic for signals received in the radio base station is mistaken, as the predetermined condition.

8.(amended) The system according to claim 1,

Amel. JH wherein the control means resets the position of the second synchronized word detecting window, when a level of the signal received in the radio base station is less than a predetermined value, as the predetermined condition.

Please add the following new claims:

B2 9.(NEW) A synchronization protecting and setting method for signals received in a radio base station comprising the steps of:

generating a first synchronized word detecting window, which covers a position of a synchronized word provided in a reception signal received at the radio base station;

A 9H generating a second synchronized word detecting window, which covers the position of the synchronized word within the first synchronized word detecting window;

detecting the synchronized word in the first or second synchronized word detecting window; and

resetting the position of the second synchronized word detecting window as related to the first synchronized word detecting window under a predetermined condition.

10.(NEW) A synchronization apparatus provided in a radio base station comprising:
a first window generator for generating a first synchronized word detecting window, which covers a position of a synchronized word provided in a reception signal received at the radio base station;

a synchronized word detector for detecting a synchronized word present in a received signal within the first synchronized word detecting window and outputting a synchronized word detecting pulse;

Handwritten: H
a second window generator for generating a second synchronized word detecting window, which covers the position of the synchronized word detected by the synchronized word detector within the first synchronized word detecting window;

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a pulse generator for outputting a detecting pulse according to an AND condition of the synchronized word detecting pulse and the second synchronized word detecting window;

and

a register for resetting the position of the second synchronized word detecting window as related to the first synchronized word detecting window under a predetermined condition.
